

Amendments to the Claims:

1. (Previously Presented) An apparatus for establishing a communication session with a terminal, the apparatus comprising:

a processor located in a network across which an originating client is configured to communicate, wherein the processor is configured to receive a connection request, and in response thereto, send a network-independent trigger to the terminal, wherein in response to the trigger, the processor is also configured to receive a registration message from the terminal via the network to thereby register the terminal with the apparatus and acquire a network-dependent identity of the terminal to thereby enable establishment of a communication session with the terminal based upon the network-dependent identity of the terminal.

2. (Previously Presented) An apparatus according to Claim 1, wherein the processor is configured to receive the connection request from the originating client, and wherein the processor is configured to send the connection request to the terminal after registering the terminal.

3. (Previously Presented) An apparatus according to Claim 2, wherein the processor is configured to send the connection request to the terminal through at least one other processor.

4. (Previously Presented) An apparatus according to Claim 1, wherein the processor is embodied in a Session Initiation Protocol (SIP) proxy.

5. (Previously Presented) An apparatus according to Claim 1, wherein the processor is configured to receive, and thereafter store in a buffer, the connection request, and wherein the processor is configured to receive the registration message and thereafter retrieve the connection request from the buffer, and send the connection request to the terminal based upon the network-dependent identity of the terminal.

6. (Previously Presented) An apparatus according to Claim 1, wherein the processor is configured to receive the registration message from the terminal via at least one of a network address translator (NAT) or a firewall (FW) located between the processor and the terminal, and wherein the processor is configured to send the trigger in a manner independent of the at least one of the NAT or FW.

7. (Previously Presented) An apparatus according to Claim 1, wherein the processor is also configured to receive a first registration message from the terminal before sending the network-independent trigger to thereby register the terminal with the processor, wherein the first registration message includes a network-independent identity of the terminal to thereby enable the processor to send the network-independent trigger based upon the network-independent identity of the terminal, and wherein the processor is configured to receive a subsequent registration message in response to the network-independent trigger.

8. (Previously Presented) An apparatus according to Claim 1, wherein the processor is located in a network across which an originating client is configured to at least one of directly or indirectly communicate.

9. (Previously Presented) An apparatus according to Claim 8, wherein the network comprises one of a public network or a private network.

10. (Currently Amended) An apparatus for establishing a communication session with a terminal, the ~~system~~ apparatus comprising:

a processor located in a network across which an originating client is configured to communicate, wherein the processor is configured to receive a registration message from the terminal via the network to thereby register the terminal with the apparatus, wherein the registration message includes a network-independent identity of the terminal, wherein the processor is configured to send a network-independent trigger the terminal based upon the network-independent identity of the terminal to thereby trigger the terminal to update registration

of the terminal with the apparatus, including acquisition by the processor of a network-dependent identity of the terminal to thereby enable establishment of a communication session with the terminal based upon the network-dependent identity.

11. (Previously Presented) An apparatus according to Claim 10, wherein the processor is configured to receive a connection request from the originating client, wherein the processor is configured to send the trigger to the terminal in response to receiving the connection request, and wherein the processor is configured to send the connection request to the terminal after acquiring the network-dependent identity of the terminal.

12. (Previously Presented) An apparatus according to Claim 11, wherein the processor is configured to send the connection request to the terminal through at least one other processor.

13. (Previously Presented) An apparatus according to Claim 11, wherein the processor is configured to receive, and thereafter store in a buffer, the connection request, and wherein the processor is configured to retrieve the connection request from the buffer and thereafter send the connection request to the terminal based upon the network-dependent identity of the terminal to thereby establish the communication session.

14. (Previously Presented) An apparatus according to Claim 10, wherein the processor is embodied in a Session Initiation Protocol (SIP) proxy.

15. (Previously Presented) An apparatus according to Claim 10, wherein the processor is configured to receive the registration message from the terminal via at least one of a network address translator (NAT) or a firewall (FW) located between the processor and the terminal, and wherein the processor is configured to send the trigger to the terminal in a manner independent of the at least one of the NAT or the FW.

16. (Previously Presented) An apparatus according to Claim 10, wherein the processor is configured to receive a first registration message to thereby register the terminal with the apparatus, wherein in response to sending the trigger, the processor is configured to receive a subsequent registration message from the terminal to thereby update registration of the terminal and acquire the network-dependent identity of the terminal, and wherein the processor is configured to acquire the network-dependent identity of the terminal to thereby enable establishment of a communication session with the terminal based upon the network-dependent identity of the terminal.

17. (Previously Presented) An apparatus according to Claim 10, wherein the processor is located in a network across which an originating node is configured to at least one of directly or indirectly communicate.

18. (Previously Presented) An apparatus according to Claim 17, wherein the network comprises one of a public network or a private network.

19. (Currently Amended) A method of establishing a communication session with a terminal, the method comprising:

receiving a connection request at a network node located in a network across which an originating client is configured to communicate;

sending a network-independent trigger to the terminal in response to receiving the connection request; and

receiving a registration message, in response to the trigger, at the network node from the terminal via the network to thereby register the terminal with the network node and acquire a network-dependent identity of the terminal to thereby enable establishment of a communication session with the terminal based upon the network-dependent identity of the terminal.

20. (Previously Presented) A method according to Claim 19, wherein receiving a connection request comprises receiving a connection request at the network node from the

originating client, the method further comprising sending the connection request to the terminal after registering the terminal.

21. (Original) A method according to Claim 20, wherein sending the connection request comprises sending the connection request from the network node to the terminal through at least one other network node.

22. (Previously Presented) A method according to Claim 20, wherein receiving a connection request comprises receiving, and thereafter storing in a buffer, a connection request, and wherein sending the connection request comprises retrieving the connection request from the buffer and thereafter sending the connection request to the terminal based upon the network-dependent identity of the terminal.

23. (Original) A method according to Claim 19, wherein sending a trigger to the terminal from a network node comprises sending a trigger to the terminal from a network node comprising a Session Initiation Protocol (SIP) proxy.

24. (Previously Presented) A method according to Claim 19, wherein receiving a registration message comprises receiving a registration message at the network node from the terminal via at least one of a network address translator (NAT) or a firewall (FW) located between the network node and the terminal,

and wherein sending a network-independent trigger comprises sending a network-independent trigger in a manner independent of the at least one of the NAT or FW.

25. (Previously Presented) A method according to Claim 19, wherein receiving a registration message comprises receiving a subsequent registration message, wherein the method further comprises:

receiving a first registration message at the network node from the terminal before sending the network-independent trigger to thereby register the terminal with the network node,

wherein the first registration message includes a network-independent identity of the terminal,
and wherein sending a network-independent trigger comprises sending a network-independent trigger based upon the network-independent identity of the terminal.

26. (Previously Presented) A method according to Claim 19, wherein sending a network-independent trigger to the terminal from a network node comprises sending a network-independent trigger to the terminal from a network node located in a network across which an originating node is configured to at least one of directly or indirectly communicate.

27. (Previously Presented) A method according to Claim 26, wherein sending a network-independent trigger to the terminal from a network node comprises sending a network-independent trigger to the terminal from a network node located in one of a public network or a private network.

28. (Previously Presented) A method of establishing a communication session with a terminal, the method comprising:

receiving a registration message at a network node located in a network across which an originating client is configured to communicate, wherein receiving the registration message comprises receiving the registration message from the terminal via the network to thereby register the terminal with the network node, and wherein the registration message includes a network-independent identity of the terminal; and

sending a network-independent trigger to the terminal based upon the network-independent identity of the terminal to thereby trigger the terminal to update registration of the terminal with the network node, including acquisition by the network node of a network-dependent identity of the terminal to thereby enable establishment of a communication session with the terminal based upon the network-dependent identity of the terminal.

29. (Previously Presented) A method according to Claim 28 further comprising:
receiving a connection request at the network node from the originating node, the trigger

being sent in response to receiving the connection request; and
sending the connection request from the network node to the terminal after acquiring the network-dependent identity of the terminal.

30. (Original) A method according to Claim 29, wherein sending the connection request comprises sending the connection request from the network node to the terminal through at least one other network node.

31. (Previously Presented) A method according to Claim 29, wherein receiving a connection request comprises receiving, and thereafter storing in a buffer, a connection request, and wherein sending the connection request comprises retrieving the connection request from the buffer and thereafter sending the connection request to the terminal based upon the network-dependent identity of the terminal to thereby enable establishment of the communication session.

32. (Original) A method according to Claim 28, wherein receiving a registration message at a network node comprises receiving a registration message at a network node comprising a Session Initiation Protocol (SIP) proxy.

33. (Previously Presented) A method according to Claim 28, wherein receiving a registration message comprises receiving a registration message at a network node from the terminal via at least one of a network address translator (NAT) or a firewall (FW) located between the network node and the terminal,

and wherein sending a network-independent trigger comprises sending a network-independent trigger to the terminal in a manner independent of the at least one of the NAT or the FW.

34. (Previously Presented) A method according to Claim 28, wherein receiving a registration message comprises receiving a first registration message, and wherein the method further comprises:

receiving a subsequent registration message at the network node from the terminal in response to sending the trigger to the terminal to thereby update registration of the terminal and acquire the network-dependent identity of the terminal, thereby enabling establishment of a communication session with the terminal based upon the network-dependent identity of the terminal.

35. (Previously Presented) A method according to Claim 28, wherein receiving a registration message at a network node comprises receiving a registration message at a network node located in a network across which an originating node is configured to at least one of directly or indirectly communicate.

36. (Previously Presented) A method according to Claim 35, wherein receiving a registration message at a network node comprises receiving a registration message at a network node located in a network comprising one of a public network or a private network.

37. (Currently Amended) An apparatus comprising:

a ~~controller~~processor configured to receive a trigger from a network node located in a network across which an originating client is configured to communicate, the trigger comprising a network-independent trigger, wherein in response to the receiving the trigger, the ~~controller~~processor is configured to send a registration message to the network node via the network to thereby register the apparatus with the network node and acquire a network-dependent identity of the apparatus to thereby enable establishment of a communication session with the apparatus based upon the network-dependent identity of the apparatus.

38. (Currently Amended) An apparatus according to Claim 37, wherein the ~~controller~~processor is configured to receive the network-independent trigger in response to the network node receiving a connection request from the originating node, the ~~controller~~processor being configured to receive the connection request from the network node after registering the apparatus.

39. (Currently Amended) An apparatus according to Claim 38, wherein the ~~controller~~ processor is configured to receive the network-independent trigger in response to the network node receiving a connection request from the originating node, the ~~controller-processor~~ being configured to receive the connection request from the network node via at least one other network node.

40. (Currently Amended) An apparatus according to Claim 38, wherein the ~~controller~~ processor is configured to receive the network-independent trigger in response to the network node receiving, and thereafter storing in a buffer, a connection request from the originating node, and wherein the ~~controller-processor~~ is configured to send the registration message to thereby enable the network node to retrieve the connection request from the buffer and thereafter send the connection request to the ~~controller-processor~~ based upon the network-dependent identity of the apparatus.

41. (Currently Amended) An apparatus according to Claim 37, wherein the ~~controller~~ processor is configured to receive the network-independent trigger from a network node comprising a Session Initiation Protocol (SIP) proxy.

42. (Currently Amended) An apparatus according to Claim 37, wherein the ~~controller~~ processor is configured to send the registration message to the network node via at least one of a network address translator (NAT) or a firewall (FW) located between the network node and the apparatus, and wherein the ~~controller-processor~~ is configured to receive the network-independent trigger in a manner independent of the at least one of the NAT or the FW.

43. (Currently Amended) An apparatus according to Claim 37, wherein the ~~controller~~ processor is also configured to send a first registration message to the network node before receiving the network-independent trigger to thereby register the apparatus with the network node, wherein the first registration message includes a network-independent identity of the

apparatus to thereby enable the ~~controller~~processor to receive the network-independent trigger based upon the network-independent identity of the apparatus, and wherein the ~~controller~~processor is configured to send a subsequent registration message in response to the network-independent trigger.

44. (Currently Amended) An apparatus according to Claim 37, wherein the ~~controller~~processor configured to receive the network-independent trigger from a network node located in a network across which an originating client is configured to at least one of directly or indirectly communicating.

45. (Currently Amended) An apparatus according to Claim 44, wherein ~~the controller~~processor is configured to receive the network-independent trigger from a network node located in a network comprising one of a public network or private network.

46. (Currently Amended) An apparatus configured to communicate within one of a mobile network or a private network, the apparatus comprising:

a ~~controller~~processor configured to send a registration message to a network node located in a network across which an originating client is configured to communicate, wherein the ~~controller~~processor is configured to send the registration message via the network to thereby register the apparatus with the network node, wherein the registration message includes a network-independent identity of the apparatus, and wherein the ~~controller~~processor is configured to receive a network-independent trigger based upon the network-independent identity of the apparatus to thereby trigger the ~~controller~~processor to update registration of the apparatus with the network node, including acquisition of a network-dependent identity of the apparatus to thereby enable establishment of a communication session with the apparatus based upon the network-dependent identity of the apparatus.

47. (Currently Amended) An apparatus according to Claim 46, wherein the ~~controller~~processor is configured to receive the network-independent trigger in response to the network

node receiving a connection request from the originating client, and wherein the ~~controller~~
processor is configured to receive the connection request from the network node after registering
the apparatus with the network node.

48. (Currently Amended) An apparatus according to Claim 47, wherein the ~~controller~~
processor is configured to receive the connection request from the network node via at least one
other network node.

49. (Currently Amended) An apparatus according to Claim 47, wherein the ~~controller~~
processor is configured to receive the trigger in response to the network node receiving, and
thereafter storing in a buffer, the connection request, and wherein the ~~controller-processor~~
is configured to receive the connection request from the network node, the network node having
retrieved the connection request from the buffer and thereafter sent the connection request to the
apparatus based upon the network-dependent identity of the apparatus.

50. (Currently Amended) An apparatus according to Claim 46, wherein the ~~controller~~
processor is configured to send a registration message to a network node comprising a Session
Initiation Protocol (SIP) proxy.

51. (Currently Amended) An apparatus according to Claim 46, wherein the ~~controller~~
processor is configured to send the registration message to the network node via at least one of a
network address translator (NAT) or a firewall (FW) located between the network node and the
apparatus, and wherein the ~~controller-processor~~ is configured to receive the network-independent
trigger in a manner independent of the at least one of the NAT or the FW.

52. (Currently Amended) An apparatus according to Claim 46, wherein the ~~controller~~
processor is configured to send a first registration message to thereby register the apparatus with
the network node, wherein the ~~controller-processor~~ is also configured to send a subsequent
registration message to the network node in response to receiving the trigger to thereby update

registration of the apparatus and acquire the network-dependent identity of the apparatus to thereby enable establishment of a communication session with the apparatus based upon the network-dependent identity of the apparatus.

53. (Currently Amended) An apparatus according to Claim 46, wherein the ~~controller~~ processor is configured to send the registration message to a network node located in a network across which an originating node is configured to at least one of directly or indirectly communicate.

54. (Currently Amended) An apparatus according to Claim 54, wherein the ~~controller~~ processor is configured to send the registration message to a network node located in a network comprising one of a public network or a private network.